

REMARKS

Claims 1-31 are pending in this application. Claims 1-21 have been elected for examination subsequent to a restriction requirement. Claims 1-21 are amended, restricted claims 22-31 are cancelled and claims 32-45 are added herein.

The title has been amended to more fully describe the invention. The specification has been amended to correct obvious and minor errors.

The drawings are amended for consistency with the specification. Drawing 7 has been amended to show that sample number 27 found in the upper "Samples" line has a box around it and that sample number 30 found in the same line no longer has a box around it. Found below the above mentioned sample number 27 is the number "27", the box surrounding this number is now bold. Drawing 8 has been amended to show that the numeral "16" in the right-most column, labeled "After," is changed to the numeral "48".

No new matter is added by the specification and drawing changes.

Claim 1 recites a novel device for capturing data both close to and further away from an event. The disclosed device includes a memory and a control processor. These two elements work in conjunction to store data associated with a time period. The stored data closest to an event has a first resolution, and the stored data further away from an event has a second resolution, see, for example, page 11, lines 40-43, and page 14, lines 17-19.

Dependent claims 2-14 and 32-39 recite further aspects of this invention. Claim 2 is directed to the generation of data to be stored, generation of a signal indicative of an event, and the operation of the control processor to

store data at a first resolution. Claim 3 is further directed to generation of a signal indicative of an event. Claim 4 is directed toward a user activated capture switch.

Claim 5 further defines the data stored in the device and the amount of data stored both before and subsequent to an event. Claim 6 is directed to compression of the data prior to storage. Claim 7 recites that the data can be stored at different rates, dependent upon the occurrence of an event.

Claim 8, 35 and 37-40 further recite the storing of multiple resolution data. Claim 9 recites that only half the memory is utilized after an event. Claim 10 recites that plural sensors can be used to gather data, and that plural memories are used to store the data gathered by the plural sensors. Claims 11-14 are further directed at the sensors used to generate data.

Claims 32 and 33 are directed to the housing of the device. Claim 34 is directed to a user activated clearing of the device's memory. Claim 36 is directed to encryption of the stored data.

Independent claim 15 recites a method for recording data in relation to an event, wherein the data closest to an event is at a different resolution than data further away from an event. Dependent claims 16-21 and 40-43 recite further aspects of the method.

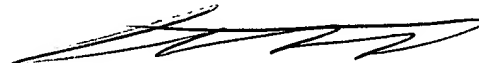
Independent claims 44 and 45 recite an additional embodiment of the invention. This device is compact, portable, and has no moving parts. Claim 44 recites a device that generates data associated with a period of time, generates a signal representing an event, includes a processor and stores data in a circular buffer memory. The claim further recites that stored data associated with a

portion of the time period following receipt of an event signal has a first resolution, and that stored data associated with a portion of the time period prior to receipt of an event signal has a second lower resolution. Claim 45 recites additional disclosed features of this embodiment. Such as 'still' and 'purge' switches and a power source.

It is respectfully submitted that the prior art fails to disclose, teach or suggest a device and method for recording data both before and after an event wherein the data is stored at different resolutions dependent upon the proximity to the event as the present application discloses.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance and an early indication of the same is courteously solicited. The Examiner is respectfully requested to contact the undersigned by telephone at the below listed local telephone number, in order to expedite resolution of any remaining issues and further to expedite passage of the application to issue, if any further comments, questions or suggestions arise in connection with the application.

Respectfully submitted,
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